

Application Number: 09/331,008
Title: Electronic zoom image input method
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Amended abstracts



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Abstract

An electronic zoom image input method that enables zooming without declining the resolution by receiving an input image transmitted through a fixed focal distance optical system having a function of compressing the circumferential part of the input image by means of a photo detector with a uniform pixel density and subjecting the received image to image correction and conversion to obtain an output image.

It is necessary for zooming to use a conventional optical zoom lens that essentially has a complex and large construction. Instead, by using a simple fixed focal distance lens, a small, simple, all-electronic zoom image input system is realized.

Further, three-dimensional zooming, which conventionally requires precise interlock of two zoom lenses, can be realized with a very simple construction without using these complicated zoom lenses.